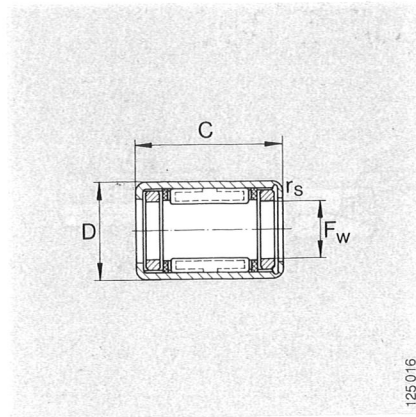
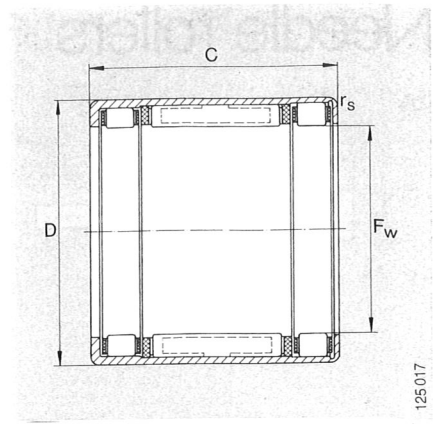


Drawn cup roller clutch and bearing assemblies

series HFL



HFL 0408* and HFL 0615



HFL 0822 to HFL 3530

Dimension table · Dimensions in mm

Designation	Mass	Dimensions				Transmissible torque M_d	Limiting speeds ¹⁾³⁾		Permissible radial load ³⁾ $F_{r \max}$	Limiting load/speed value ³⁾ $(F_r \cdot n)_{\max}$
		F_w	D	C	r_s		n	n_{A^2}		
	g			-0,25	min.	Nm	min ⁻¹	min ⁻¹	N	N/min
HFL 0408*	1,6	4	8	8	0,3	0,34	34 000	14 000	80	16 000
HFL 0615	4	6	10	15	0,3	1,76	23 000	13 000	110	18 000

Designation	Mass	Dimensions				Transmissible torque M_d	Limiting speeds ¹⁾		Basic load ratings	
		F_w	D	C	r_s		n	n_{A^2}	dyn. C_r	stat. C_{0r}
	g			-0,25	min.	Nm	min ⁻¹	min ⁻¹	N	N
HFL 0822	6,3	8	12	22	0,3	3,15	17 000	12 000	4 050	4 150
HFL 1022	7,4	10	14	22	0,3	5,3	14 000	11 000	4 300	4 650
HFL 1226	18	12	18	26	0,3	12,2	11 000	8 000	6 300	6 500
HFL 1426	20,3	14	20	26	0,3	17,3	9 500	8 000	7 100	7 700
HFL 1626	22	16	22	26	0,3	20,5	8 500	7 500	7 300	8 400
HFL 1826	24,4	18	24	26	0,3	24,1	7 500	7 500	8 300	10 300
HFL 2026	27	20	26	26	0,3	28,5	7 000	6 500	8 200	10 400
HFL 2530	44	25	32	30	0,3	66	5 500	5 500	10 900	14 100
HFL 3030	51	30	37	30	0,3	90	4 500	4 500	12 600	17 600
HFL 3530	58	35	42	30	0,3	121	3 900	3 900	13 000	19 300

Deviating design with plastic springs, operating temperature +60°C max.

The limiting speeds are valid for both grease and oil lubrication.

Limiting speed for rotating outer ring.

During operation, the product of the actual speed n_{op} and radial load F_{rop} may not exceed the limiting load/speed value given in the table.

Otherwise, the application limits are determined by the limiting speeds or the permissible radial load.